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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,410

DATE: 01/11/2002

TIME: 11:52:36

Input Set : A:\DIVER1180-2.ST25.txt

Output Set: N:\CRF3\01112002\I903410.raw

**ENTERED**

2 <110> APPLICANT: DIVERSA CORPORATION  
 3 ROBERTSON, Dan  
 4 MURPHY, Dennis  
 5 REID, John  
 6 MAFFIA, Anthony  
 7 LINK, Steven  
 8 SWANSON, Ronald  
 9 WARREN, Patrick  
 10 KOSMOTKA, Anna  
 12 <120> TITLE OF INVENTION: ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE THEREOF  
 14 <130> FILE REFERENCE: DIVER1180-2  
 16 <140> CURRENT APPLICATION NUMBER: US 09/903,410  
 17 <141> CURRENT FILING DATE: 2001-07-10  
 19 <150> PRIOR APPLICATION NUMBER: US 09/382,242  
 20 <151> PRIOR FILING DATE: 1999-08-24  
 22 <150> PRIOR APPLICATION NUMBER: US 08/602,359  
 23 <151> PRIOR FILING DATE: 1996-02-16  
 25 <160> NUMBER OF SEQ ID NOS: 42  
 27 <170> SOFTWARE: PatentIn version 3.0  
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71 <223> OTHER INFORMATION: Primer for PCR
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290 cataaaatac tatttttaaat tccatggagg c 31
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301 ccattaacaa tgatcgcat agctatctct atgtcgtcat ggtttaatat atggaataat 120
303 gcattaagcg atctaggaca tgctgttaaa agcagtgttg ctccaatatt caatctagggt 180
305 cttgcaattg gtgggatact aattgttata gttggtttaa gaaatcttta ttcgtggagt 240
307 agagttaaag gatctttaat catatccatg ggtgtatttc ttaacttaat aggggttttc 300
309 gacgaagtat atggttggat acatttccta gtctcagtat tgtttttctt atcaataata 360
311 gcatatttca tagctatata aatacttgac aaatcatgga tagctgttct actaataata 420
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373 cgttatattt caggcaggaa tatgatgtt tttgtcgata acagaggta tggcaggctc 180
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1	LET.	1
2	PETDEC	1

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